

# County of San Diego MSCP Quino Checkerspot Butterfly Amendment

Stakeholder Meeting  
March 25, 2008

# Where we're at...

- To speed amendment development, issues divided into two reports.
  - **Policy report.**
  - **Monitoring report** (July 2008)
- Expect complete Amendment Package in December 2008 for stakeholder review.

# Policy Report Summary

- Includes:
  - Project processing procedures.
  - Anticipated conservation levels.
- Doesn't include:
  - Management and Monitoring.
  - Financing.
  - Discussion of Effects on Other Species.

# Quino Amendment Objectives

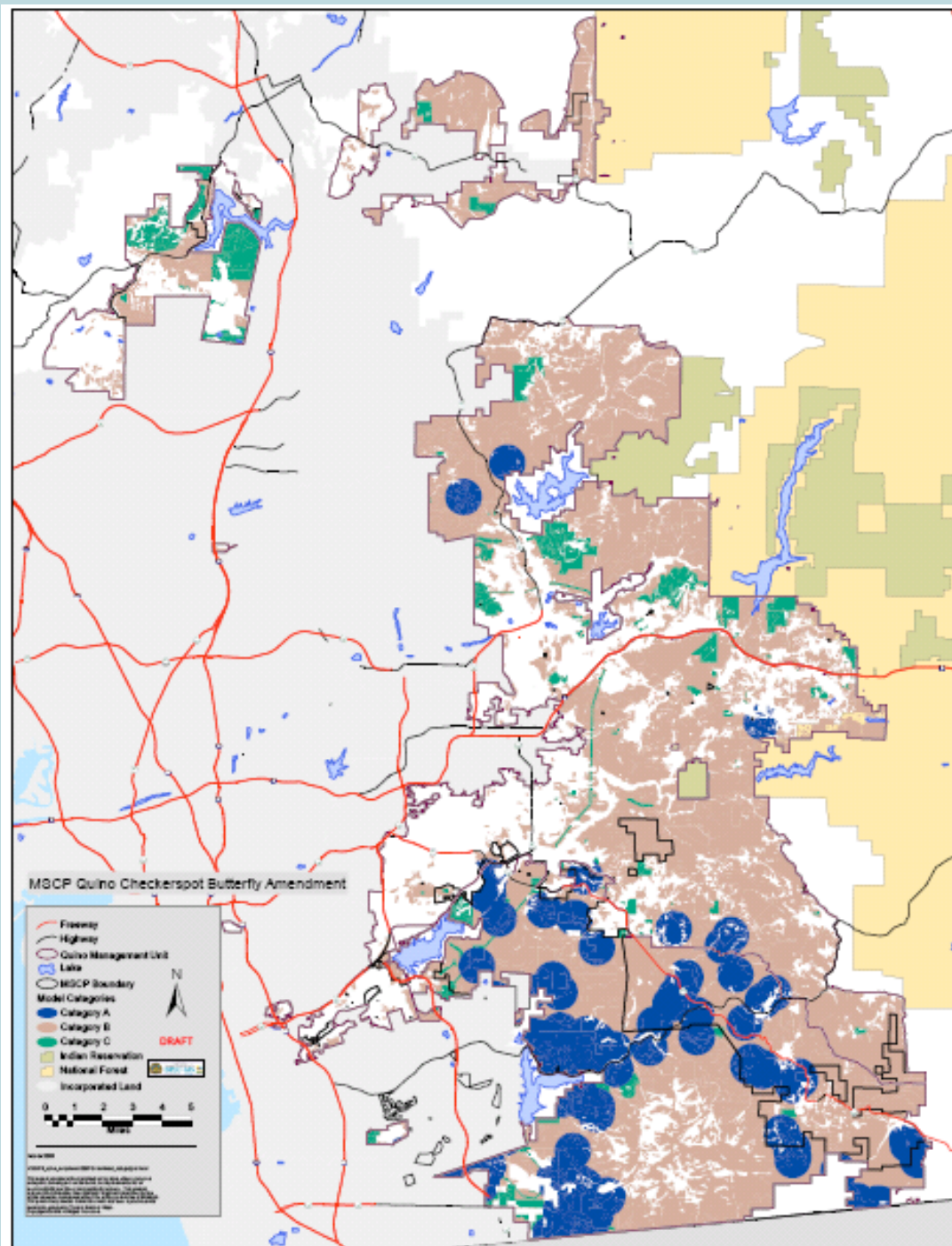
- Preserve a sufficient amount of Quino habitat to ensure the long-term conservation of Quino.
- Provide conservation of appropriate habitat within a preserve design appropriate to the metapopulation dynamics of the species.
- Provide take authorization of Quino for public and private projects.
- Minimize regulatory burdens associated with federal Endangered Species Act compliance for Quino.

# Planning Process

- Looked at where Quino can and do occur
- Potential Quino Habitat
  - Used to model habitat with existing information in order to make estimates of future conservation and impacts at the Subarea Plan scale. Based upon:
    - Vegetation Communities suitable for Quino
    - Survey Results
  - Only used for planning and analysis.

# Planning Process

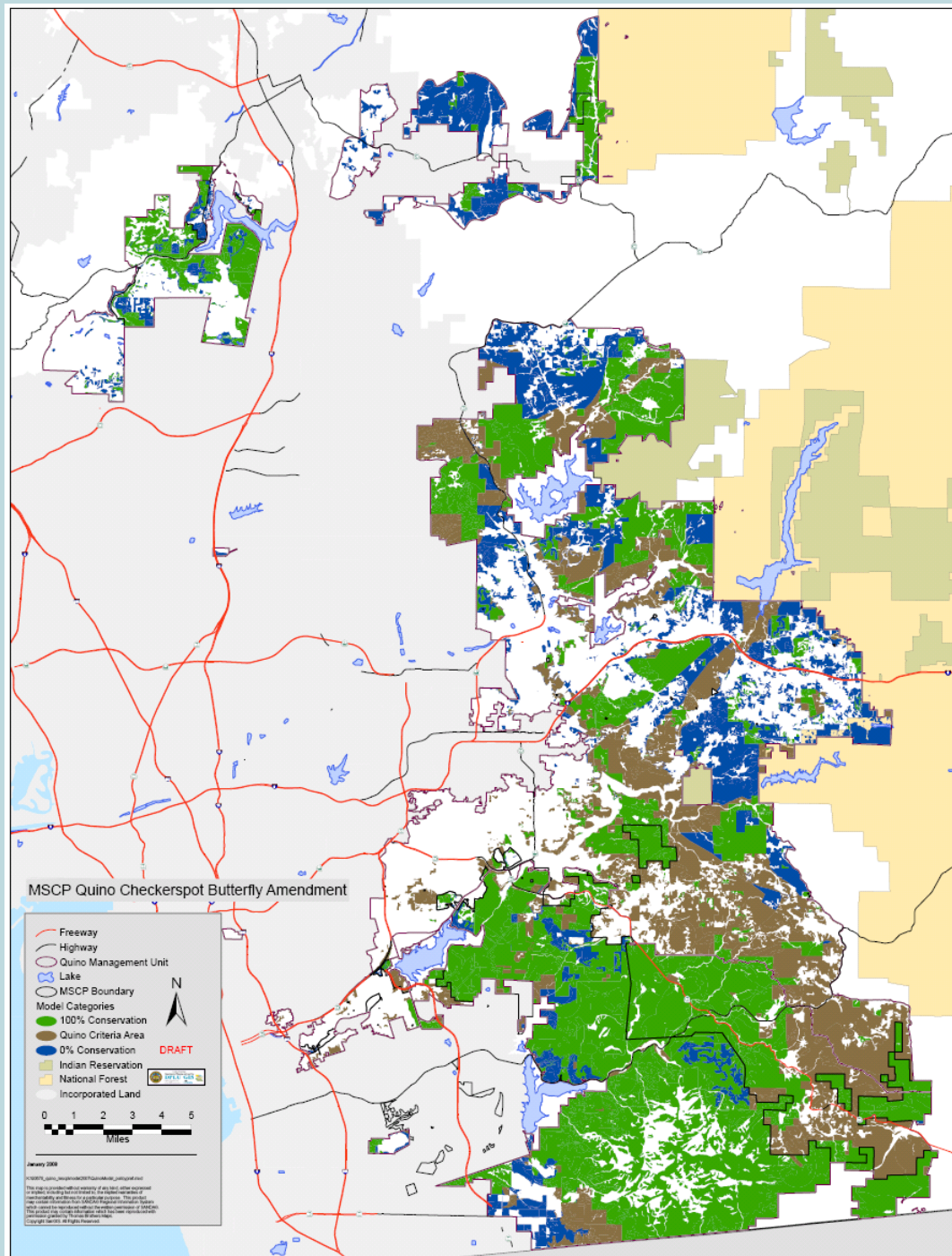
- Classes of Potential Quino Habitat:
  - **A**: Potential Habitat within 1 km of observation.
  - **B**: Unsurveyed potential habitat.
  - **C**: Surveyed with negative results.



# Project Processing

- Quino 0% Conservation Areas
  - Quino conservation not required, but impacts must be mitigated.
- Quino 100% Conservation Areas
  - Existing preserves, or areas coming into the preserve with the amendment. Compatible uses in preserves allowed.
- Quino Criteria Areas
  - Avoid to the maximum extent practical.
  - Impact up to 20% of “Occupied Quino Habitat”.
  - Mitigate.





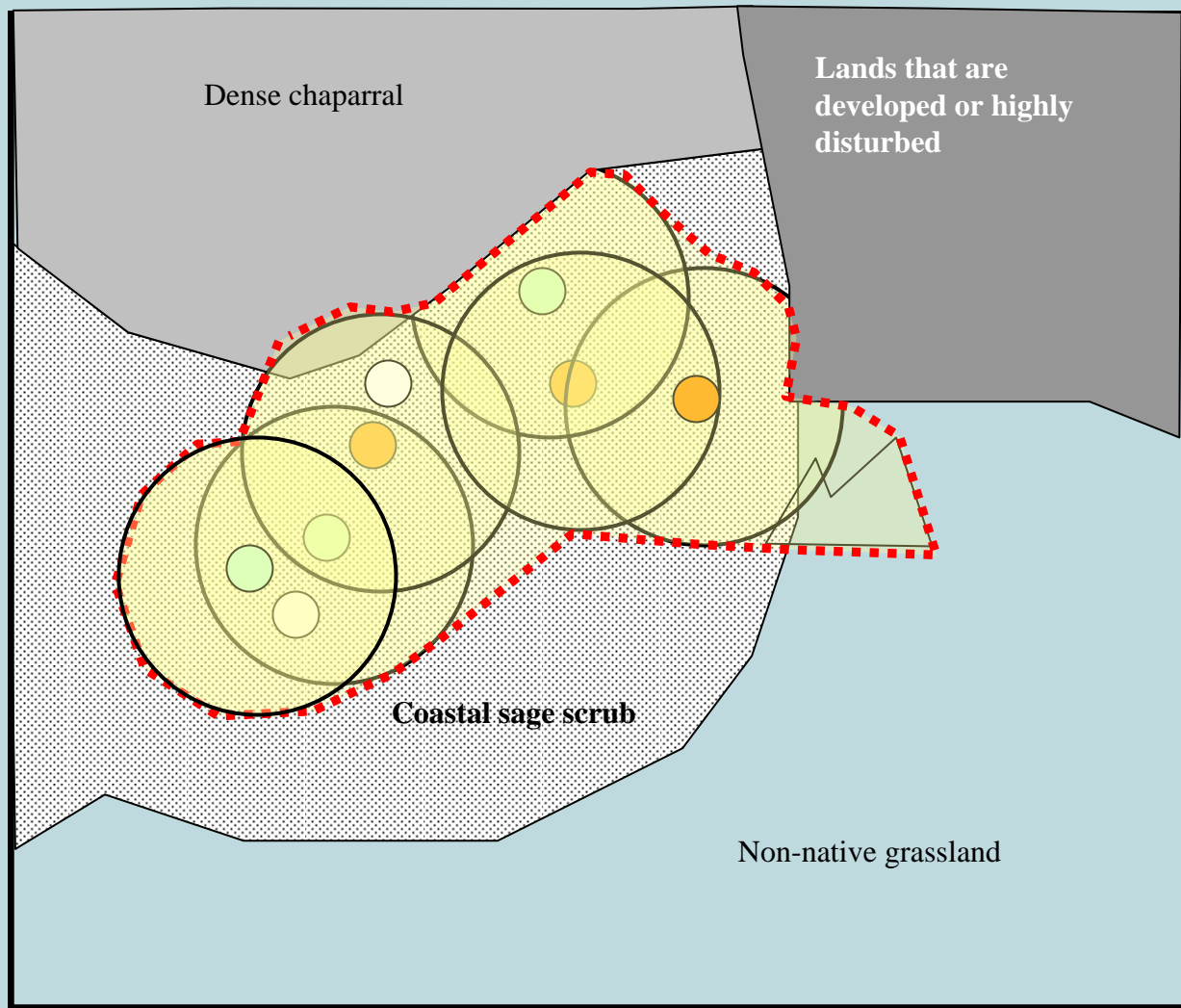
# Project Survey Requirements

- USFWS Protocol
- Only required in South County, Alpine Jamul, and San Vicente Quino Management Units.
- Negative survey results valid for one year.
- Where Quino are found, map Occupied Quino Habitat (described next).



# Occupied or Suitable Quino Habitat

- Used to assess project site conditions and determine minimization / mitigation requirements.
- Mapping of habitat to inform conservation measures rather than basing completely on “Quino points”.



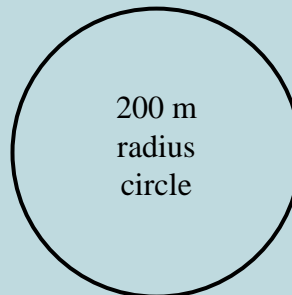
Quino location



Insignificant host or nectar plant  
population



Significant Larval Host Plant Patch



200 m  
radius  
circle



Quino  
Habitat

# Mitigation

	Mitigation Site is in Same QMU as Impacts	Mitigation Site is in Different QMU than Impacts
Mitigation Site Consists of Occupied Quino Habitat	3:1	4:1
Mitigation Site Consists of Suitable Quino Habitat within 0.6 miles of Occupied Quino Habitat	4:1	5:1

- Applied to Occupied / Suitable Quino Habitat.
- Two components may be satisfied by creating viable Quino habitat.
- Important for mitigation to occur near impacts and with occupied habitat to gain coverage.

# Next Steps

- Written comments due April 11.
- Adaptive Management / Monitoring report will be available in July.
- Expected completion in July 2010.